

10.3. EXISTING EQUIPMENT NOT REUSED OR RETAINED BY THE OWNER SHALL BE REMOVED FROM THE PREMISES BY THE

CONTRACTOR.

TO ISOLATE SECTIONS WHERE TEST PRESSURE EXCEEDS VALVE PRESSURE RATING. FILL EACH SECTION

WITH WATER OR AIR AND PRESSURIZE FOR THE INDICATED PRESSURE AND TIME. REQUIRED TEST PERIOD

IS 2 HOURS. TEST EACH PIPING SYSTEM AT 150% OF OPERATING PRESSURE INDICATED, BUT NOT LESS

THAN 25-PSI TEST PRESSURE. OBSERVE EACH TEST SECTION FOR LEAKAGE AT END OF TEST PERIOD. TEST FAILS IF LEAKAGE IS OBSERVED OR IF PRESSURE DROP EXCEEDS 5% OF TEST PRESSURE.

STEAM SPECIALTIES

7.1. FLOAT AND THERMOSTATIC TRAPS SHALL HAVE HEAVY CAST IRON BODIES. FLOAT VALVE MECHANISM SHALL

BE OF HEAVY BRASS AND SHALL HAVE VARIABLE LEVER RATIO TO ENSURE QUICK AND WIDE OPENING FOR

DISCHARGING CONDENSATION. THERMOSTATIC BELLOWS MEMBER FOR VENTING AIR SHALL HAVE LESS THAN

TEN CORRUGATIONS AND SHALL BE PROTECTED AGAINST DAMAGE FROM WATER HAMMER BY BRASS SHIELD

SHIVEHATTERY

ARCHITECTURE + ENGINEERING

4125 Westown Parkway Suite 100 | West Des Moines, Iowa 50266 515.223.8104 | fax: 515.223.0622 | shive-hattery.com

Iowa | Illinois | Indiana | Missouri
Illinois Firm Number: 184-000214

IDOT PHYSIO LAB HVAC UPGRADES

IOWA DEPARTMENT OF

800 LINCOLN WAY

TRANSPORTATION

AMES, IA 50010

KEY PLAN

DRAWN JDN

APPROVED JDN

ISSUED FOR CONSTRUCTION DOCUMENTS

DATE 12/19/2014

ELD BOOK

PROJECT NO.: 414378-0

\_\_\_\_\_

MECHANICAL & ELECTRICAL DEMO AND NEW WORK PLANS, SCHEDULES & SPECIFICATIONS

ME1.01